TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Inorganics

Water System Name and Address _____

Sample Type Key
D - Distribution
B - Entry Point
E - Composite
S - Special

County: _____

PWSID (1–7) | Entry Point (8) | Sample Date (36–41) | Sample Type (42) | Sample Time (43–46)

Collected by: _____ Sampling Point (33–35) _____

Laboratory Name: _____ Lab ID (47–51)

Analyte ID (9-12)	Name	Method (13-20)	Sign (21)	Results (22-25)	Decimal (26)	Analysis Date (27-32)	MCL (mg/L)	Suggested MDL (mg/L)	Analyst
1005	Arsenic						0.05	0.005	
1010	Barium						2.0	0.1	
1015	Cadmium						0.005	0.0001	
1020	Chromium						0.1	0.001	
1024	Cyanide						0.2	0.02	
1025	Fluoride						4.0	0.2	
1035	Mercury						0.002	0.0002	
1036	Nickel						0.1	0.001	
1045	Selenium						0.05	0.002	
1052	Sodium								
1074	Antimony - Total						0.006	0.0008	
1075	Beryllium - Total						0.004	0.0002	
1085	Thallium - Total						0.002	0.0007	

Compositing of samples is encouraged, however, laboratories analyzing for the presence of inorganics must achieve a minimum detection limit of less than one-fifth of the MCL when compositing. Analytical reports showing contaminant concentrations at a value less than a number which is greater than the MCL are invalid. For example, if the analysis of a sample for thallium indicates a concentration of < 0.003 mg/L then the results would be invalid for the purpose of determining compliance with the Safe Drinking Water Act. If nitric acid cannot be used in the field as a preservative because of safety or shipping restrictions, metal samples may be preserved in the laboratory for 16 hours prior to the analysis.

Return form to: Tennessee Division of Water Resources, Compliance and Enforcement Unit, William R. Snodgrass-TN Tower, 312 Rosa L. Parks Ave., 11th Floor, Nashville, TN 37243-1102